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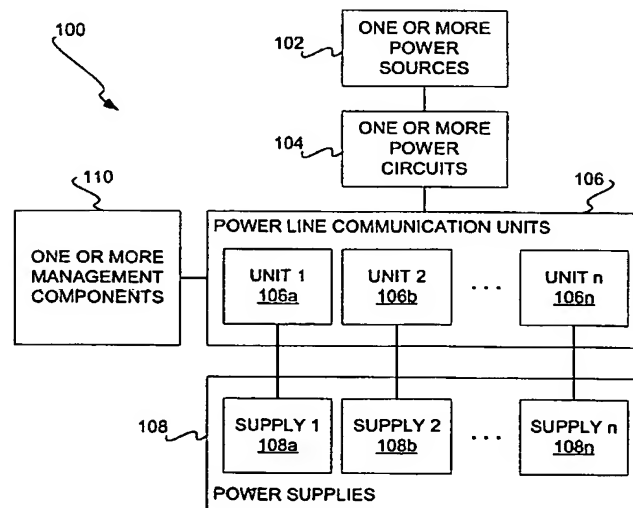
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- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **BUTLER, Craig, N.** [US/US]; 17521 NW Lonerock Drive, Portland, OR 97229 (US). **FLESHLER, Akimasa** [US/US]; 7006 SW 12th Drive, Portland, OR 97219 (US). **FRIEDBERG, Stuart, A.** [US/US]; 4000 SW 188th Avenue, Aloha, OR 97007 (US). **MCKENNEY, Paul, E.** [US/US]; 1975 NW Albion Ct, Beaverton, OR 97006 (US).
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[Continued on next page]

(54) Title: VERIFICATION OF PROPER COUPLING OF POWER LINE COMMUNICATION UNITS TO POWER CIRCUITS



(57) **Abstract:** Verifying that power line communication units (106) are properly coupled to power circuits (104) is disclosed. Each of a number of communication units (106) is coupled to one of one or more power circuits (104), and sends an identifier over this power circuit. One or more management components (110) collect the identifier sent by each communication unit, and use at least these identifiers to verify that the communication units (106) are properly coupled to the power circuits (104).



CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

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